

CLAIMS

Please amend Claims 1-13, 15, 18-20, 21-23, 25, 27 and 28 as follows:

1. (Currently Amended) A computer system for archiving and restoring data from an operations center of a utility data center, comprising:

a plurality of subsystems, ~~many~~ one or more of which comprise a database[[s]], located in said operations center;

a cell manager, located in a utility controller of said utility data center and coupled to each of said subsystems through a designated port in a firewall; and

a media agent coupled to each of said subsystems through said designated port and to said cell manager, said media agent configured to receive data from said databases ~~systems~~ for forwarding to an archival storage device, wherein said data is archived on said archival storage device to enable restoration of said data.

2. (Currently Amended) The computer system described in Claim 1, wherein said subsystems are configured with a pre-backup script, a post backup script and a disk agent, said disk agent for managing the sending of data to said media agent.

3. (Currently Amended) The computer system as described in Claim 2, wherein said cell manager performs a method of ~~automatically archiving~~ said data in said operations center, said method comprising:

causing said designated port in said firewall to open at said scheduled time for said archiving of said data for one of said subsystems;

causing said pre-backup script to run on said one of said subsystems;

causing said post-backup script to run on said one of said subsystems following said sending of said data by said disk agent; and

causing said designated port to close.

4. (Currently Amended) The computer system as described in Claim 3, wherein said pre-backup script is for temporarily placing a particular database in backup mode, said particular database having a backup mode feature.

5. (Currently Amended) The computer system as described in Claim 4 wherein said post-backup script is for changing [[a]] said particular database running on said one of said subsystems from backup mode to normal mode.

6. (Currently Amended) The computer system as described in claim 3, wherein said backup script is for temporarily suspending applications on a particular database, said application running on said one of said subsystems, and wherein said particular database has no backup mode.

7. (Currently Amended) The computer system as described in Claim 6, wherein said post-backup script is for restoring said applications running on said one of said subsystems.

8. (Currently Amended) The system as described in Claim 1 wherein, in response to operator initiation, said cell manager performs a method of automatically restoring said data in said operations center, said method comprising:

- causing said designated port to said firewall to open for said restoring of said data to one of said subsystems;
- causing cessation of programs running on said one of said subsystems;
- restoring said data from said archival storage device;
- causing said programs running on said one of said subsystems to restart following said restoring of said data; and
- causing said designated port to close.

9. (Currently Amended) A method of automatically archiving data on a plurality of subsystems in an operations center of a utility data center, comprising:

- causing a designated port in a firewall to open at a pre-scheduled time for said archiving of said data for one of said subsystems;
- sending [[of]] said data via said designated port by a disk agent on said one of said subsystems to a media agent for forwarding to a backup storage device, wherein archival of said data on said backup storage device is enabled; and
- causing said designated port to close.

10. (Currently Amended) The method as described in Claim 9 wherein said subsystems are configured with a pre-backup script, a post-backup script, said pre-backup script and said post-backup script being unique to each ~~of said~~ database systems associated with one or more of said subsystems.

11. (Currently Amended) The method as described in Claim 10, wherein said pre-backup script is for temporarily placing a particular database in backup mode, said particular database having a backup mode feature.

12. (Currently Amended) The method as described in Claim 11 wherein said post-backup script is for changing [[a]] said particular database running on said one of said subsystems from backup mode to normal mode.

13. (Currently Amended) The method as described in Claim 10, wherein said backup script is for temporarily suspending applications on a particular database, said application running on said one of said subsystems, and wherein said particular database has no backup mode.

14. (Original) The method as described in Claim 13, wherein said post-backup script is for restoring said applications running on said one of said subsystems.

15. (Currently Amended) The method as described in Claim 10, further comprising:
causing said pre-backup script to run on said one of said subsystems prior to said sending of said data; and
causing said post-backup script to run on said one of said subsystems following said sending of said data.

16. (Original) The method as described in Claim 15 wherein said causing is by a cell manager located in a utility controller of said utility data center.

17. (Original) The method as described in Claim 16 wherein a media agent is located in said utility controller of said utility data center and coupled to said cell manager and to each of said subsystems through said designated port in said firewall.

18. (Currently Amended) The method as described in Claim 16 wherein, in response to operator initiation, said cell manager performs a process of automatically restoring data in said operations center, said process comprising:
causing said designated port in said firewall to open for said restoring of said data to one of said subsystems;
causing cessation of programs running on said one of said subsystems;

restoring said data from said archival storage device;
causing said programs running on said one of said subsystems to restart following said restoring of said data; and
causing said designated port to close.

19. (Currently Amended) A computer-usable medium having computer-readable code embodied therein for causing a computer system to perform a method of archiving data on a plurality of subsystems in an operations center of a utility data center, comprising:

opening a designated port in a firewall at a pre-scheduled time for [[said]] archiving said data for one of said subsystem in said operations center of said utility data center;

prompting a disk agent on said one of said subsystems to send said data via said designated port to a media agent for forwarding to a backup storage device, wherein archival of said data on said backup storage device is enabled; and
closing said designated port.

20. (Currently Amended) The computer-usable medium as described in Claim 19 wherein [[said]] a database is associated with one or more of said subsystems systems are configured with a pre-backup script, a post-backup script, said pre-backup script and said post-backup script being unique to each of said databases systems.

21. (Currently Amended) The computer-usable medium as described in Claim 20, wherein said pre-backup script is for temporarily placing a particular database in backup mode, said database having a backup mode feature.

22. (Currently Amended) The computer-usable medium as described in Claim 21 wherein said post-backup script is for changing [[a]] said particular database running on said one of said subsystems from backup mode to normal mode.

23. (Currently Amended) The computer-usable medium as described in Claim 20, wherein said backup script is for temporarily suspending applications on a particular database, said application running on said one of said subsystems, and wherein said particular database has no backup mode.

24. (Original) The computer-usable medium as described in Claim 23, wherein said post-backup script is for restoring said applications running on said one of said subsystems.

25. (Currently Amended) The computer-usable medium as described in Claim 20, further comprising:

initiating said pre-backup script on said one of said databases ~~systems~~ prior to said sending of said data; and

initiating said post-backup script to run on said one of said databases ~~systems~~ following said sending of said data.

26. (Original) The computer-usable medium as described in Claim 19 wherein said computer system is a cell manager, said cell manager located in a utility controller of said utility data center.

27. (Currently Amended) The computer-usable medium as described in Claim 26 wherein a media agent is located in said utility controller of said utility data center and coupled to said cell manager and to each of said databases ~~systems~~ through said designated port in said firewall.

28. (Currently Amended) The computer-usable medium as described in Claim 26 wherein, in response to operator initiation, said cell manager performs a method of ~~automatically~~ restoring said data in said operations center, said method comprising:

opening said designated port in said firewall for said restoring of said data to one of said databases ~~systems~~;

suspending the running of programs on said one of said databases ~~systems~~;

restoring said data from said archival storage device;

restarting said programs running on said one of said databases ~~systems~~

following said restoring of said data; and

closing said designated port.